JC06 Rec'd PCT/PTO 16 SEP 2005

PTO-1390 (Rev. 12-2004) Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL LETTER TO THE UNITED STATES

ATTTORNEY'S DOCKET NUMBER CCIA-2

CONCERNING A SUBMISSION UNDER 35 U.S.C. 371									
INTERNATIONAL APPLICATION NO. PCT/AU2004/000331		INTERNATIONAL FILING DATE March 18, 2004	PRIORITY DATE CLAIMED March 18, 2003						
TITLE OF INVENTION DETERMINING DRUG RESISTANCE									
APPLICANT(S) FOR DO/EO/US Maria KAVALLARIS									
Applicant I	Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:								
1. X T	. X This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.								
2. T	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.								
	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.								
4. 🗵 T	The US has been elected (Article 31).								
5. 🗵	A copy of the International Application as filed (35 U.S.C. 371(c)(2))								
	a. X is attached hereto (required only if not communicated by the International Bureau).								
	b. X has been communicated by the International Bureau.								
	c. is not required, as the application was filed in the United States Receiving Office (RO/US).								
6.	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).								
	a. is attached hereto.								
	b. has been previously submi	tted under 35 U.S.C. 154(d)(4).							
_{7.} ×	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))								
	a. are attached hereto (required only if not communicated by the International Bureau).								
	b. X have been communicated	by the International Bureau.							
	c. have not been made; how	ever, the time limit for making such amendr	nents has NOT expired.						
	d. have not been made and	will not be made.							
8. 🔲	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).								
9. 🗌	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).								
	An English language translation of th Article 36 (35 U.S.C. 371(c)(5)).	e annexes of the International Preliminary E	Examination Report under PCT						
Items 1	Items 11 to 20 below concern document(s) or information included:								
11. 🔲	An Information Disclosure Statement	under 37 CFR 1.97 and 1.98.							
12. 🗌	An assignment document for recording	ng. A separate cover sheet in compliance w	ith 37 CFR 3.28 and 3.31 is included.						
13. 🗵	A preliminary amendment.								
14. 🗵	An Application Data Sheet under 37	CFR 1.76.							
15.	A substitute specification.								
16.	A power of attorney and/or change or	f address letter.							
17. 🗵	A computer-readable form of the seq	uence listing in accordance with PCT Rule	13 <i>ter.</i> 2 and 37 CFR 1.821- 1.825.						
18.	A second copy of the published Inter	national Application under 35 U.S.C. 154(d)	(4).						
19.	A second copy of the English langua	ge translation of the international application	n under 35 U.S.C. 154(d)(4).						
20 🔀	Other items or information. Stateme	nt to Support Filing and Submission in A	Accordance with 37 C.F.R. Sections 1.821-1.825						

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICAT	ION NO. (if known, see	ATTORNEY'S DOCKET NUMBER							
1	<u>U/5498</u>	CCIA-2							
21. The following fees are submitted: X a) Basic national fee									
					\$ 300.00				
X b) Examin	ation fee	\$ 200.00							
X c) Search f	ee	\$ 500.00							
	TOTAL OF ABOVE CA	\$ 1000.00)						
☐ listing or co	ee for specification and d mputer program listing fil 0 sheets of paper or frac								
Total Sheets	Extra sheets	sheets Number of each additional 50 or fraction thereof (round up to a whole number)		RATE					
42 - 100 =	0 /50 =			× \$250.00	\$				
	30.00 for furnishing the odate (37 CFR 1.492(e)).	\$							
CLAIMS	NUMBER FI	LED	NUMBER EXTRA	RATE	\$				
Total claims	7	- 20 =	0 '	x \$50.00	\$				
Independent clai	ms 6	- 3 =	3	x \$200.00	\$ 600.00				
MULTIPLE DEPI	ENDENT CLAIM(S) (if ap	plicable)		+ \$360.00	\$				
			TOTAL OF ABOVE CA		\$ 1,600.00				
Applicant c by 1/2.	daims small entity status.	\$ 800.00							
		\$ 800	\$ 800.00						
_	of \$130.00 for furnishing to date (37 CFR 1.492(f)).	\$							
		\$ 800.00							
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property \$									
		\$ 800.00							
	·	Amount to be refunded:	\$						
					Amount to be charged:	\$ 800.00			
a. A check in the amount of \$ to cover the above fees is enclosed.									
b. Please charge my Deposit Account No. 04-0258 in the amount of \$ 800.00 to cover the above fees. A duplicate copy of this sheet is enclosed.									
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit t Account No. <u>04-0258</u> . A duplicate copy of this sheet is enclosed.									
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.									
SEND ALL COR	RESPONDENCE TO:								
Customer	No. 50670								
Davis Wri	ght Tremaine, L	3eth D. Lev	<u>'Y</u>						
	Figueroa Stree	44,869							
	es, CA 90017	ON NUMBER							

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09-19-05

10/549831 PCT

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PATENT CCIA-2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Maria KAVALLARIS

Group No.: Unassigned

Serial No.: Unassigned

Examiner: Unassigned

Filed:

September 16, 2005

For: DETERMINING DRUG RESISTANCE

CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL

"Express Mail" Mailing Label No. ED 269241593 US Date of Deposit: September 16, 2005

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Dear Sir:

I hereby certify that

- Transmittal Letter to the United States Designated/Elected Office
- XXXXX **Application Data Sheet**
- **Preliminary Amendment**
- Patent application (42 pages of specification
- Statement to Support Filing and Submission in Accordance with 37 C.F.R. Sections 1.821-1.825
- Copy of Sequence Listing
- $\frac{X}{X}$ Sequence Diskette
- Return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 CFR 1.10 on the date indicated above and are addressed to:

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September 16, 2005